

IV. Personnel

Section IV gives the names of the officers in charge of each of these bases, subsidiary stations, ships and aircraft; the number, occupation and specialization of personnel (including any designated by other Governments), who are or will be stationed at each of these bases and subsidiary stations and onboard these ships and aircraft, including the number of personnel who are members of the military services, together with the rank of any officers and the names and professional affiliations of personnel engaged in scientific activities:

Oversight

The United States Antarctic Program is managed by the National Science Foundation (NSF). The NSF designates a Senior U.S. Representative in Antarctica, and designates an NSF Representative, Antarctica, to coordinate all field activities. Unless otherwise specified, the Senior U.S. Representative in Antarctica is the Director, Office of Polar Programs (OPP), located at the National Science Foundation.

NSF Representatives in Antarctica (TBA) will be stationed at McMurdo, Palmer, and South Pole Stations during the austral summer operating season. Additionally, Raytheon Polar Services Company (RPSC), under contract to the National Science Foundation, will provide station management year round.

Officers in Charge of Bases

Each U.S. station has a station manager for operations/logistics support and a station science leader. Station managers for the 2001-2002 season will be:

McMurdo Station

William Coughran	(Oct 2001 – Feb 2002)
Tom Vinson	(Feb 2002 – Oct 2002)

Amundsen-Scott South Pole Station

Katherine Jensen	(Oct 2001 - Feb 2002)
Katrin Hafner	(Feb 2002 - Nov 2002)

Palmer Station

Robert Farrell	(Sep 2001 - Mar 2002)
Joseph Pettit	(Mar 2002 - Sep 2002)

Officers in Charge of Ships

USCG POLAR STAR (WAGB-10)	CDR David Mackenzie
Champion Class T-5 Tanker (fuel tanker)	TBA
M/V GREEN WAVE (cargo ship)	Captain Peter Stalkus
R/V NATHANIEL B. PALMER	Captain Joe Bokowski
R/V LAURENCE M. GOULD	Captain Warren Sanamo

Numbers, Occupations and Specialization of Personnel

McMurdo

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	38	38	0	9
Science Support	0	58	0	4
Operations	68	291	0	90
Logistics	375	108	0	30
SPSE	0	29	0	2
Engineering /Construction	0	139	0	92
Information Systems	5	72	0	15
Aviation	199	18	0	0
Scientists	0	258	0	3
Working Visitors	2	144	0	0

South Pole

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	5	0	1
Science Support	0	9	0	5
Operations, EH&S	0	30	0	9
Logistics	0	11	0	3
SPSE/SM	0	85	0	27
Engineering/Construction	0	14	0	4
Information Systems	0	11	0	4
Aviation	0	0	0	0
Scientists	0	50	0	9
Working Visitors	0	5	0	0

Palmer Station

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	1	0	1
Science Support	0	4	0	1
Operations	0	6	0	4
Logistics	0	2	0	3
Engineering/Construction	0	7	0	19
Information Systems	0	3	0	2
Scientist	0	13	0	0
Working Visitors	0	13	0	7

Siple Dome Field Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
General Asst	0	1
Cook	0	1
Mechanic	0	1
Scientists	0	15
Carpenters	0	4

Byrd Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Mechanic	0	1
Mountaineer	0	1
Scientists	0	11

Onset D

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Cook	0	1
General Asst.	0	1
Mechanic	0	1
Fuels Operator	0	1
Construction	0	6
Equipment Operator	0	1
Scientists	0	15
Meteorologist	0	1

Tamesis Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Fuels Operator	0	1
Mechanic	0	1
Construction	0	3
Cook	0	1
Scientists	0	14

Odell Glacier

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Equipment Operator	0	1
Carpenters	0	2
Scientists	0	11

SHIPS

USCGC POLAR STAR

	<i>Number of Personnel</i>
Crew	160

Champion Class T-5 Tanker

	<i>Number of Personnel</i>
Crew	24

M/V GREEN WAVE

	<i>Number of Personnel</i>
Crew	21

R/V NATHANIAL B. PALMER

	<i>Number of Personnel</i>
Crew	21
Scientists	37

R/V LAURENCE M. GOULD

	<i>Number of Personnel</i>
Crew	21
Scientists	37

Names and Professional Affiliation of Personnel Engaged in Scientific Activities

Further details are found in Section VI (Appendix II), and are cross-referenced here according to the project identification code (AO-XXX-X, BM-XXX-X, etc.). The numbers in parentheses besides the principal investigator's name represent the anticipated number of additional field party members. Projects are listed by scientific discipline under each major field location or platform.

MCMURDO STATION - ONLY (341 Scientists)

Aeronomy & Astrophysics (73 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Adriani (+1)	AO-107-O	Instituto De Fisica Dell'Atmosfera
Bieber (+1)	AO-120-M	University of Delaware
Binns (+13)	AB-149-O	Washington University
Deshler (+4)	AO-131-O	University of Wyoming
Engebretson (+0)	AO-102-M	Augsburg College
Hernandez (+3)	AO-110-M	University of Washington
Lanzerotti (+0)	AO-101-M	Lucent Technologies
NSBF/LDB (+21)	AB-145-O	National Scientific Balloon Facility
Rosenberg (+1)	AO-111-M	University of Maryland
Rosenberg (+0)	AO-112-O	University of Maryland
Ruhl (+18)	AB-148-O	University of California Santa Barbara

Biology & Medical Research (86 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Blanchette (+2)	BO-038-O	University of Minnesota
Davis (+7)	BO-017-O	Texas A & M University
DeVries (+6)	BO-005-M	University of Illinois Urbana

Doran (+1)	BM-042-D	Department of Earth and Environmental Sciences
Dudley (+5)	BO-030-O	University of Texas Austin
Fountain (+4)	BM-042-F	Portland State University
Hofmann (+4)	BO-134-O	National Oceanic and Atmospheric Administration
Lisle (+2)	BO-024-O	Lockheed Martin
Lyons (+3)	BM-042-L	Ohio State University
Madigan (+3)	BO-174-O	Southern Illinois University
McKnight (+3)	BM-042-M	University of Colorado Boulder
Ponganis (+7)	BO-197-O	Scripps Institution of Oceanography
Priscu (+4)	BM-042-P	Montana State University Bozeman
Raymond (+2)	BO-001-O	University of Nevada Las Vegas
Siniff (+9)	BO-009-O	University of Minnesota
Virginia (+1)	BM-042-V	Dartmouth College
Wall (+6)	BM-042-W	Colorado State University

Environmental Research (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kennicutt, II (+5)	EO-318-O	Texas A & M University

Geology & Geophysics (107 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Anandkrishnan (+2)	GO-180-O	University of Alabama Tuscaloosa
Dalziel (+6)	GO-087-O	University of Texas Austin
Dougherty (+5)	GO-078-O	Science Applications International Corp.
Elliot (+1)	GO-290-O	Ohio State University
Fitzgerald (+4)	GO-059-O	(Other)
Hallet (+2)	GO-053-O	University of Washington
Harvey (+7)	GO-058-O	Case Western Reserve University
Isbell (+4)	GO-094-O	University of Wisconsin Milwaukee
Johns (+3)	GO-295-O	UNAVCO/UCAR

	<u>I.D. No.</u>	<u>Institution</u>
Kyle (+6)	GO-081-O	New Mexico Institute of Mining and Technology
Lancaster (+2)	GO-183-O	Desert Research Institute
Luyendyk (+5)	GF-121-O	University of California Santa Barbara
Morse (+5)	GO-167-O	University of Texas Austin
Mullins (+13)	GO-052-L	United States Geological Survey
Mullins (+5)	GO-052-M	United States Geological Survey
Paulson / Wilson (+3)	GO-099-O	University of Wisconsin Oshkosh
Wiens (+17)	GO-089-O	Washington University

Glaciology (38 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Anandakrishnan (+8)	IO-205-O	University of Alabama Tuscaloosa
Hall (+3)	IO-196-M	The University of Maine
Mayewski (+14)	IU-153-A	The University of Maine
McConnell (+0)	IO-323-O	Desert Research Institute
Raymond (+4)	II-163-O	University of Nevada Las Vegas
Waddington (+3)	II-171-O	University of Washington

*PI non-deploying; experiments may be supported on-site by contract personnel.

Ocean & Climate Systems (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Dempsey (+3)	OO-316-O	Clarkson University
Hansen (+1)	OO-314-O	Magee Scientific Company
Stearns (+0)	OO-202-O	University of Wisconsin Madison

Technical Projects (24 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Bentley (+1)	TO-150-M	University of Wisconsin Madison
Blaisdell (+0)	TO-13-O	US Army Cold Regions Research & Engineering Lab

Borek/Penikett (+7)	RO-500-O	Ken Borek Air Ltd.
Comberiate (+2)	TO-10-O	National Aeronautics and Space Administration
Griffin (+3)	TO-308-O	Honeywell Technical Solutions Inc. NASA Wallops Flight Facility
Hawkins (+0)	TO-450-O	Petroleum Helicopters, Inc.
Kippenhan (+1)	TO-007-O	Raytheon Polar Services Company
Osborne (+2)	TO-396-O	University of Alaska Fairbanks

MCMURDO AND SOUTH POLE STATIONS (17 Scientists)

Writers & Artists Program (6 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Fox (+0)	WO-218-O	(Other)
Kaiser (+0)	WO-220-O	(Other)
Miller (+3)	WO-222-O	The Exploratorium

Technical Programs (11 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Kolden (+0)	TO-00	USAP Calibration Laboratory
Johnson (+8)	TO-296-O	Raytheon Polar Services Company
Booth (+0)	TO-513-O	Biospherical Instruments Inc.

MCMURDO STATION AND USCGC (45 Scientists)

Ocean & Climate Sciences (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stearns (+3)	OO-283-M	University of Wisconsin Madison
Buessler (+0)	OO-288-O	Woods Hole Oceanographic Institution

Biology & Medicine Program (30 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Pitman (+1)	BO-289-O	National Oceanic and Atmospheric Administration
Ainley (+9)	BO-031-O	H.T. Harvey & Associates
Bowser (+9)	BO-043-O	New York State Department of Health
Smith (+7)	BO-047-O	University of California Santa Barbara

Geology & Geophysics (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Powell (+4)	GO-170-O	Northern Illinois University

Glaciology (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
MacAyeal (+5)	IO-190-O	University of Chicago

OTHER ANTARCTIC LOCATIONS

(10 Scientists)

Biology and Medicine (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Trivelpiece (+3)	BO-040-O	Montana State University Bozeman
Emslie (+0)	BO-034-O	University of North Carolina
Kvitek (+1)	BO-320-O	California State University Monterey Bay

Geology and Geophysics (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Case (+2)	GO-206-O	Saint Mary's College of California

PALMER STATION - ONLY (41 Scientist)

Aeronomy and Astrophysics (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Inan (+0)	AO-106-P	Stanford University

Biology and Medicine (30 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Amsler/McClintock (+6)	BO-022-O	University of Alabama Birmingham
Ducklow (+4)	BP-045-P	College of William and Mary
Fraser (+5)	BP-013-P	Polar Oceans Research Group
Murray (+1)	BO-179-O	Desert Research Institute
Quetin/Ross (+3)	BP-028-P	University of California Santa Barbara
Smith (+1)	BP-032-P	University of California Santa Barbara
Vernet (+3)	BP-016-P	Scripps Institution of Oceanography

Geology and Geophysics (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Butler (+2)	GO-090-P	Incorporated Research Institutions for Seismology
Mullins (+0)	GO-052-P	United States Geological Survey

Polar Climate and Ocean Systems (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hofmann (+0)	OO-264-O	National Oceanic and Atmospheric Administration
Keeling (+0)	OO-204-O	University of California San Diego
Rasmussen (+0)	OO-254-O	Oregon Graduate Institute of Science & Technology
Sanderson (+0)	OO-275-O	United States Department of Energy
Stearns (+0)	OO-283-P	University of Wisconsin Madison

Writers and Artists (1 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Hooper (+0)	WO-219-O	

R/V LAURENCE M. GOULD - ONLY (40 Scientists)

Biology and Medicine Program (39 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Costa (+0)	BG-232-O	University of California Santa Cruz
Fraser (+0)	BG-234-O	Polar Oceans Research Group
Harvey (+0)	BG-237-O	Case Western Reserve University
Martinson (+0)	OG-241-O	Columbia University
Veit (+1)	BO-023-O	City University of New York/College of Staten Isl.
Scheltema (+9)	BO-281-O	Woods Hole Oceanographic Institution
Fraser (+1)	BP-013-L	Polar Oceans Research Group
Vernet (+4)	BP-016-L	Scripps Institution of Oceanography
Quetin/Ross (+6)	BP-028-L	University of California Santa Barbara
Smith (+1)	BP-032-L	University of California Santa Barbara
Karl (+5)	BP-046-L	University of Hawaii Manoa

Ocean and Climate Systems (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Martinson (+0)	OG-241-O	Columbia University

R/V NATHANIEL B. PALMER - ONLY (80 Scientists)

Biology and Medicine Program (38 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Ribic (+0)	BG-243-O	University of Wisconsin Madison
Ross (+0)	BG-244-O	University of California Santa Barbara

Vernet (+0)	BG-246-O	Scripps Institution of Oceanography
Wiebe (+0)	BG-247-O	Woods Hole Oceanographic Institution
Fraser (+1)	BP-013-N	Polar Oceans Research Group
Vernet (+5)	BP-016-N	Scripps Institution of Oceanography
Martinson (+0)	BP-021-N	Columbia University
Quetin/Ross (+10)	BP-028-N	University of California Santa Barbara
Smith (+4)	BP-032-N	University of California Santa Barbara
Ducklow (+3)	BP-045-N	College of William and Mary
Karl (+3)	BP-046-N	University of Hawaii Manoa

Geology and Geophysics (33 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Aronson (+4)	GO-065-O	Dauphin Island Sea Lab
Berger (+13)	GO-092-O	Desert Research Institute
Anderson (+8)	GO-083-O	Rice University
Bart (+4)	GO-154-O	Louisiana State University Baton Rouge

Ocean and Climate Systems (9 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fanning (+0)	OG-233-O	University of South Florida
Hofmann (+0)	OG-240-O	National Oceanic and Atmospheric Administration
Powell (+0)	OG-242-O	University of California, Berkley
Visbeck / Huber (+4)	OO-124-O	Columbia University

R/V NATHANIEL B. PALMER and R/V LAURENCE M. GOULD (7 Scientists)

Biology and Medicine Program (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fritsen (+0)	BG-235-O	Desert Research Institute
Daly (+0)	BG-236-O	National Science Foundation

Hildebrand (+0)	BG-239-O	Scriptts Institution of Oceanography
Torres (+0)	BG-245-O	University of South Florida
Zhou (+0)	BG-248-O	University of Minnesota

Ocean & Climate Systems (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Beardsley (+0)	OG-231-O	Woods Hole Oceanographic Institution
Padman (+0)	OG-238-O	Earth and Space Research

Other Vessels (13 Scientists)

Biology and Medicine Program (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Pearce (+2)	BO-069-O	University of California Santa Cruz
Blake (+3)	BO-292-O	University of Massachusetts

Geology & Geophysics (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Wiens (+2)	GO-097-O	Washington University

Ocean & Climate Sciences(3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Peterson (+0)	OO-260-O	Carnegie-Mellon University
Chereskin (+1)	OO-315-O	University of California San Diego

SOUTH POLE STATION - ONLY (172 Scientists)

Aeronomy & Astrophysics (139 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Avery (+2)	AO-284-O	University of Colorado Boulder
Bieber (+0)	AO-120-S	University of Delaware

Carlstrom (+5)	AC-373-O	University of Chicago
Ejiri (+2)	AO-117-O	National Institute of Polar Research
Engebretson	AO-102-S	Augsburg College
Gaisser (+4)	AO-109-O	University of Delaware
Hernandez (+3)	AO-110-S	University of Washington
Holzapfel (+5)	AC-378-O	University of California Berkeley
Inan (+0)	AO-106-S	Stanford University
Inan (+1)	AO-108-O	Stanford University
Jackson (+1)	AC-374-O	Boston University
Lanzerotti	AO-101-S	Lucent Technologies
Morse (+46)	AA-130-O	University of Texas Austin
Novak (+3)	AC-376-O	Northwestern University
Pernic (+15)	AC-370-O	University of Chicago
Peterson (+3)	AC-375-O	Carnegie-Mellon University
Rosenberg (+0)	AO-111-S	University of Maryland
Sivjee (+2)	AO-129-O	Embry Riddle Aeronautical University
Stacey (+0)	AC-377-O	Cornell University
Stark (+15)	AC-371-O	Smithsonian Institution
Storey (+5)	AC-372-O	University of New South Wales
Swenson (+5)	AO-127-O	University of Illinois Urbana

Geology & Geophysics (8 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Butler (+4)	GO-090-S	Incorporated Research Institutions for Seismology
Mullins (+2)	GO-052-S	United States Geological Survey

Technical Programs (4 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Bentley (+3)	TO-150-S	University of Wisconsin Madison

Ocean & Climate Systems (21 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Hofmann (+7)	OO-257-O	National Oceanic and Atmospheric Administration
Lawson (+4)	OO-226-O	SPEC, Inc.
McConnell (+0)	OO-324-O	Desert Research Institute
Stearns (+0)	OO-283-S	University of Wisconsin Madison
Warren (+5)	OO-201-O	University of Washington